

WHAT IS CLAIMED IS:

- 1 1. A method comprising:
 - 2 receiving a service request;
 - 3 fulfilling a portion of the service request; and
 - 4 requesting a remaining portion of the service request from a peer.
- 1 2. The method of claim 1, wherein requesting the remaining portion further comprises:
 - 2 creating a partial response to the service request.
- 1 3. The method of claim 2, wherein requesting the remaining portion further comprises:
 - 2 creating another service request; and
 - 3 including the partial response in the another service request.
- 1 4. The method of claim 1, wherein requesting the remaining portion further comprises:
 - 2 sending a registry request to a registry server.
- 1 5. The method of claim 4, further comprising:
 - 2 receiving a response to the registry request; and
 - 3 choosing the peer from a plurality of peers in the response.
- 1 6. The method of claim 5, wherein choosing the peer further comprises:
 - 2 choosing the peer based on geography.
- 1 7. The method of claim 5, wherein choosing the peer further comprises:
 - 2 choosing the peer based on price.
- 1 8. A peer comprising:
 - 2 a controller to break a service request into a first and second sub-requests,
 - 3 complete the first sub-request, find another peer, and to send the second sub-request to the
 - 4 another peer.

- 1 9. The peer of claim 8, wherein the controller is further to send a registry request to a
2 registry server to find the another peer.
- 1 10. The peer of claim 8, wherein the controller is further to create a response to the first
2 sub-request and store an address of a requesting peer in the response, wherein the
3 requested peer initiated the service request.
- 1 11. The peer of claim 10, wherein the controller is further to embed the response in the
2 second sub-request to the another peer.
- 1 12. A data structure stored on a machine-readable medium, wherein the data structure
2 comprises:
3 a header field to store an address of a second peer;
4 a response field to store an address of a first peer and a first sub-response to a first
5 sub-request, wherein the first sub-response is created by the second peer; and
6 a request field to store a second sub-request for service from the second peer to a
7 third peer.
- 1 13. The data structure of claim 12, wherein the first sub-request and the second sub-
2 request are components of a service request from the first peer.
- 1 14. The data structure of claim 13, wherein the second peer is to break the service request
2 into the first sub-request and the second sub-request, perform the first sub-request, and
3 store the address of the first peer in the response field.
- 1 15. A response data structure stored on a machine-readable medium, wherein the response
2 data structure comprises:
3 a header field to store an address of a third peer;
4 a first response field to store an address of a first peer and a first sub-response to a

1 16. The response data structure of claim 15, wherein the second peer created the first sub-
2 request and the second sub-request from a request.

1 17. The response data structure of claim 16, wherein the request originated from the first
2 peer.

1 18. A signal-bearing medium comprising instructions, wherein the instructions when read
2 and executed by a processor comprise:
3 fulfilling a service request, wherein fulfilling the service request further comprises
4 creating response data;
5 creating a response to the service request;
6 copying a partial response from the service request to the response; and
7 inserting the response data in the response following the partial response.

1 19. The signal-bearing medium of claim 18, wherein the instructions further comprise:
2 sending the response to an electronic device, wherein the electronic device is
3 identified in the service request.

1 20. The signal-bearing medium of claim 18, wherein creating the response to the service
2 request further comprises:
3 creating a response header comprising an address of a peer that creates the
4 response data.

2 21. The signal-bearing medium of claim 18, wherein the partial response comprises an
3 address of a peer to receive the partial response and second response data from a partial
4 request.

1 22. An apparatus comprising:
 2 a server comprising
 3 a registry comprising identifications of services and identifications of peers
 4 that perform the services; and

5 a second electronic device to receive a service request from a first electronic
 6 device, to fulfill a portion of the service request, to find a third electronic device using the
 7 registry server, and to send a remaining portion of the service request to the third
 8 electronic device.

1 23. The apparatus of claim 22, wherein the third electronic device is to fulfill the
 2 remaining portion of the service request and to send a response to the second electronic
 3 device.

1 24. The apparatus of claim 23, wherein the third electronic device is to fulfill the
 2 remaining portion of the service request by itself.

1 25. The apparatus of claim 23, wherein the third electronic device is to use a fourth
 2 electronic device to fulfill the remaining portion of the service request.